

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	402	(700/264).CQLS	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/14 14:18
L2	1	l1 and (exchange and position and substrate and temperature and facet).clm.	US-PGPUB; USPAT	ADJ	ON	2008/11/14 14:19
S1	1489	hosokawa.in.	US-PGPUB; USPAT	OR	ON	2007/06/12 14:23
S2	11568	(akihiro hosokawa).in.	US-PGPUB; USPAT	OR	ON	2007/06/12 14:20
S3	0	(akihiro adj hosokawa).in.	US-PGPUB; USPAT	OR	ON	2007/06/12 14:20
S4	0	dongchoon adj suh.in.	US-PGPUB; USPAT	OR	ON	2007/06/12 14:22
S5	1837	suh.in.	US-PGPUB; USPAT	OR	ON	2007/06/12 14:22
S6	8773	nguyen.in.	US-PGPUB; USPAT	OR	ON	2007/06/12 14:22
S7	10156	akihiro.in.	US-PGPUB; USPAT	OR	ON	2007/06/12 14:23
S8	77	S7 and S1	US-PGPUB; USPAT	OR	ON	2007/06/12 14:52
S9	5	dongchoon.in.	US-PGPUB; USPAT	OR	ON	2007/06/12 14:52
S10	12118	hung.in.	US-PGPUB; USPAT	OR	ON	2007/09/27 20:37
S11	1457	the.in.	US-PGPUB; USPAT	OR	ON	2007/06/12 14:53
S12	3	S10 and S11 and S6	US-PGPUB; USPAT	OR	ON	2007/06/12 14:53
S14	1717	(700/245).CQLS	US-PGPUB; USPAT	OR	OFF	2007/06/12 18:34
S15	260	(700/244).CQLS	US-PGPUB; USPAT	OR	OFF	2007/06/12 18:44
S18	269	(700/254).CQLS	US-PGPUB; USPAT	OR	OFF	2007/06/12 18:53
S19	283	(700/262).CQLS	US-PGPUB; USPAT	OR	OFF	2007/06/13 10:24
S20	60	(700/256).CQLS	US-PGPUB; USPAT	OR	OFF	2007/06/13 10:34
S21	540	(700/259).CQLS	US-PGPUB; USPAT	OR	OFF	2007/06/13 10:36
S22	292	(700/248).CQLS	US-PGPUB; USPAT	OR	OFF	2007/06/13 11:08
S23	1717	(700/245).CQLS	US-PGPUB; USPAT	OR	OFF	2007/06/13 11:09
S24	516	(temperature or climate or heat or cold or thermal or warmth) and S23	US-PGPUB; USPAT	OR	ON	2007/06/13 11:14

S25	95341	centerline	US-PGPUB; USPAT	OR	ON	2007/06/14 11:01
S26	620	S25 and "700".clas.	US-PGPUB; USPAT	OR	ON	2007/10/25 09:19
S27	183536	axis same (room or chamber or cell enclosure)	US-PGPUB; USPAT	OR	ON	2007/06/14 11:15
S28	755	S27 and "700".clas.	US-PGPUB; USPAT	OR	ON	2007/06/14 11:37
S29	1071	hub and "700".clas.	US-PGPUB; USPAT	OR	ON	2007/06/14 11:16
S30	106	(hub same (room or chamber or cell or enclosure)) and "700".clas.	US-PGPUB; USPAT	OR	ON	2007/06/14 11:54
S31	2	10/406644.app.	US-PGPUB; USPAT	OR	ON	2007/06/14 11:54
S32	1	("5102280").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/18 14:27
S33	1	("5224809").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/18 15:05
S34	0	("6069096 6085125").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/18 15:05
S35	0	("6069096 6085125").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/18 15:06
S36	1	("6069096").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/18 15:07
S37	1	("6085125").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/18 15:08
S38	1	("6163946").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/18 15:08
S39	1	("6176668").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/18 15:09
S40	1	("6213704").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/18 15:12
S41	1	("6235634").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/18 15:22
S42	1	("6242879").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/18 15:23
S43	1	("6286688").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/18 15:23
S44	1	("6314631").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/18 15:23
S45	21	(US-20050137751-\$ or US-20070112465-\$ or US-20040199291-\$ or US-20030185664-\$ or US-20030060922-\$ or US-20030083776-\$ or US-20020029093-\$ or US-20010001839-\$).did. or (US-6257045-\$ or US-6205870-\$ or US-7039501-\$ or US-7107125-\$ or US-6577923-\$ or US-6327517-\$ or US-6549825-\$ or US-6510365-\$ or US-5535306-\$ or US-6516244-\$ or US-6556887-\$ or US-6430468-\$ or US-6074443-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/19 11:27
S46	21	time and S45	US-PGPUB; USPAT	OR	ON	2007/06/19 11:41

S47	2	((duration same time) or (tracking same time) or (interval)) and S45	US-PGPUB; USPAT	OR	ON	2007/06/19 11:34
S48	0	(10/802363.app.).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/06/20 18:50
S49	1	10/802363.app.	US-PGPUB; USPAT	OR	ON	2007/06/20 18:51
S50	19	(US-20070112465-\$ or US-20040199291-\$ or US-20030185664-\$ or US-20030083776-\$ or US-20030060922-\$ or US-20010001839-\$ or US-20020029093-\$).did. or (US-6205870-\$ or US-6257045-\$ or US-5535306-\$ or US-6327517-\$ or US-6577923-\$ or US-6549825-\$ or US-6510365-\$ or US-6516244-\$ or US-6556887-\$ or US-7039501-\$ or US-6430468-\$ or US-6074443-\$).did.	US-PGPUB; USPAT	OR	ON	2007/09/25 17:50
S51	12	S50 and temperature	US-PGPUB; USPAT	OR	ON	2007/09/25 18:02
S52	249	(702/99).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/09/25 18:17
S53	685	(702/130).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/09/25 18:24
S57	1111	(438/16).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/09/25 18:09
S58	0	(438/1654).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/09/25 18:10
S61	263	(700/253).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/09/26 09:28
S62	276	(700/250).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/09/26 09:34
S63	439	(700/258).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/09/26 09:44
S64	220	(438/54).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/09/26 14:28
S65	243	(438/799).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/09/26 14:24
S66	28	(US-20030060922-\$ or US-20030185664-\$ or US-20040199291-\$ or US-20020029093-\$ or US-20010001839-\$ or US-20070112465-\$ or US-20030083776-\$ or US-20030236642-\$).did. or (US-6074443-\$ or US-6430468-\$ or US-6205870-\$ or US-6257045-\$ or US-5535306-\$ or US-6510365-\$ or US-7107125-\$ or US-6516244-\$ or US-7039501-\$ or US-6577923-\$ or US-6522942-\$ or US-6549825-\$ or US-6327517-\$ or US-6856863-\$ or US-6556887-\$ or US-4899297-\$ or US-6438449-\$ or US-7057711-\$ or US-7245989-\$ or US-5578520-\$).did.	US-PGPUB; USPAT	OR	ON	2007/09/26 14:28
S67	16	S66 and temperature	US-PGPUB; USPAT	OR	ON	2007/09/26 14:29
S68	97609	centerline	US-PGPUB; USPAT	OR	ON	2007/09/27 20:38

S69	12796	S68 and substrate	US-PGPUB; USPAT	OR	ON	2007/09/27 20:38
S70	99	S69 and (transfer adj chamber)	US-PGPUB; USPAT	OR	ON	2007/09/28 16:39
S71	97609	centerline	US-PGPUB; USPAT	OR	ON	2007/09/28 16:39
S72	12796	S71 and substrate	US-PGPUB; USPAT	OR	ON	2007/09/28 16:39
S73	185	S72 and (detect same centerline)	US-PGPUB; USPAT	OR	ON	2007/09/28 16:57
S74	141	(brooks adj automation).as.	US-PGPUB; USPAT	OR	ON	2007/09/28 18:23
S75	3678	cluster adj tool	US-PGPUB; USPAT	OR	ON	2007/09/28 18:23
S76	1282	S75 and sensor	US-PGPUB; USPAT	OR	ON	2007/09/28 18:23
S77	2	S76 and misalign	US-PGPUB; USPAT	OR	ON	2007/09/28 18:31
S78	1277	S76 not S74	US-PGPUB; USPAT	OR	ON	2007/09/28 18:33
S79	493	S78 and alignment	US-PGPUB; USPAT	OR	ON	2007/09/28 18:34
S80	3678	cluster adj tool	US-PGPUB; USPAT	OR	ON	2007/10/01 12:10
S81	2953	S80 and temperature	US-PGPUB; USPAT	OR	ON	2007/10/01 12:10
S82	523	S81 and (model or modeling)	US-PGPUB; USPAT	OR	ON	2007/10/01 12:14
S83	512	S82 and time	US-PGPUB; USPAT	OR	ON	2007/10/01 12:15
S84	459	S83 and (@ad<="20030512" OR @pd<="20030512" OR @prad<="20030512" OR @rlad<="20030512")	US-PGPUB; USPAT	OR	ON	2007/10/22 20:18
S85	380	S84 not (applied adj materials).as.	US-PGPUB; USPAT	OR	ON	2007/10/01 12:33
S86	64	S85 and (temperature same (model or modeling))	US-PGPUB; USPAT	OR	ON	2007/10/01 13:56
S87	3678	cluster adj tool	US-PGPUB; USPAT	OR	ON	2007/10/01 13:56
S88	37	S87 and (elapsed adj time)	US-PGPUB; USPAT	OR	ON	2007/10/01 13:56
S89	2953	S87 and temperature	US-PGPUB; USPAT	OR	ON	2007/10/01 14:04
S90	523	S89 and (model or modeling)	US-PGPUB; USPAT	OR	ON	2007/10/01 14:04
S91	512	S90 and time	US-PGPUB; USPAT	OR	ON	2007/10/01 14:04
S92	459	S91 and (@ad<="20030512" OR @pd<="20030512" OR @prad<="20030512" OR @rlad<="20030512")	US-PGPUB; USPAT	OR	ON	2007/10/01 14:12

S93	1	("6689519").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/01 15:59
S94	71	S87 and (((transfer adj chamber) and (process adj chamber)) same (axis or center))	US-PGPUB; USPAT	OR	ON	2007/10/01 16:08
S95	29	("20020078770"   "20020092369"   "20020101508"   "20030001083"   "20030055533"   "20030198376"   "20030202092"   "20040039486"   "20040101633"   "20050021177"   "20050153073"   "4819167"   "5452521"   "5483138"   "5538385"   "5844683"   "5917601"   "5980194"   "6002840"   "6051113"   "6198976"   "6244121"   "6275748"   "6313596"   "6366830"   "6453214"   "6466816"   "6618645"   "6648730").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/01 16:51
S96	0	("(6556887 6430468 6526244 5535306 6510365 6327517 6549825 7039501 6205870 6257045).pn.").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/02 11:50
S97	0	("(6556887 6430468 6526244 5535306 6510365 6327517 6549825 7039501 6205870 6257045)").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/02 11:50
S98	0	("6556887 6430468 6526244 5535306 6510365 6327517 6549825 7039501 6205870 6257045").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/02 11:51
S99	11	("6556887"   "6430468"   "6526244"   "5535306"   "6510365"   "6327517"   "6549825"   "7039501"   "6205870"   "6257045"   "20070112465").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/02 11:52
S100	1054	700/213	US-PGPUB; USPAT	OR	ON	2007/10/22 15:21
S101	457	700/218	US-PGPUB; USPAT	OR	ON	2007/10/22 14:49
S102	5	S100 and (empirical adj data)	US-PGPUB; USPAT	OR	ON	2007/10/22 15:05
S103	14	S100 and (empiric\$2 or experiential or experimental or observ\$6 or factual) adj (data or datum or fact\$2 or figure\$2 or result\$2 or measurement\$2)	US-PGPUB; USPAT	OR	ON	2007/10/22 15:19
S104	178	S100 and substrate	US-PGPUB; USPAT	OR	ON	2007/10/22 15:21
S105	137	S101 and substrate	US-PGPUB; USPAT	OR	ON	2007/10/22 15:24
S106	117	S105 and (@ad<="20030512" OR @pd<="20030512" OR @prad<="20030512" OR @rlad<="20030512")	US-PGPUB; USPAT	OR	ON	2007/10/22 15:49
S107	135	S104 and (@ad<="20030512" OR @pd<="20030512" OR @prad<="20030512" OR @rlad<="20030512")	US-PGPUB; USPAT	OR	ON	2007/10/22 15:24
S108	41	S107 and temperature	US-PGPUB; USPAT	OR	ON	2007/10/22 15:49
S109	44	S106 and temperature	US-PGPUB; USPAT	OR	ON	2007/10/22 20:18

S110	663	(414/939).CQLS	US-PGPUB; USPAT	OR	OFF	2007/10/22 20:18
S111	0	("Isandtemperature").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/22 20:18
S112	252	S110 and temperature	US-PGPUB; USPAT	OR	ON	2007/10/22 20:18
S113	242	S112 and (@ad<="20030512" OR @pd<="20030512" OR @prad<="20030512" OR @rlad<="20030512")	US-PGPUB; USPAT	OR	ON	2007/10/22 20:21
S114	211	S113 not (applied adj materials).as.	US-PGPUB; USPAT	OR	ON	2007/10/22 20:37
S115	1	S110 and ((room or chamber) adj (contract or expand))	US-PGPUB; USPAT	OR	ON	2007/10/22 20:38
S116	5	S110 and ((room or chamber) adj (contract \$4 or expan\$4))	US-PGPUB; USPAT	OR	ON	2007/10/22 20:39
S117	1054	700/213	US-PGPUB; USPAT	OR	ON	2007/10/22 20:39
S118	0	S117 and ((room or chamber) adj (contract \$4 or expan\$4))	US-PGPUB; USPAT	OR	ON	2007/10/22 20:39
S119	457	700/218	US-PGPUB; USPAT	OR	ON	2007/10/22 20:39
S120	0	S119 and ((room or chamber) adj (contract \$4 or expan\$4))	US-PGPUB; USPAT	OR	ON	2007/10/22 20:39
S121	11	("5102280"   "5224809"   "6069096"   "6085125"   "6163946"   "6176668"   "6213704"   "6235634"   "6242879"   "6286688"   "6314631").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/24 10:02
S122	7	S121 and temperature	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/24 10:02
S123	1	("5180276").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/25 09:19
S124	35	(US-20070112465-\$ or US-20030021671-\$).did. or (US-6257045-\$ or US-6205870-\$ or US-7039501-\$ or US-6556887-\$ or US-6577923-\$ or US-6549825-\$ or US-6510365-\$ or US-6327517-\$ or US-5535306-\$ or US-6944517-\$ or US-6430468-\$ or US-6698944-\$ or US-6176668-\$ or US-6213704-\$ or US-5483138-\$ or US-6682288-\$ or US-6530733-\$ or US-6689519-\$ or US-6648730-\$ or US-6526244-\$ or US-6950181-\$ or US-6746237-\$ or US-6526329-\$ or US-6203617-\$ or US-6936134-\$ or US-5909995-\$).did. or (US-5833425-\$ or US-4042128-\$ or US-6773158-\$ or US-6732610-\$ or US-5310410-\$ or US-5571330-\$ or US-4699554-\$).did.	US-PGPUB; USPAT	OR	ON	2007/10/25 09:20
S125	3	S124 and (temperature adj sensor)	US-PGPUB; USPAT	OR	ON	2007/10/25 09:20
S126	1	("5762745").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/28 01:52

S127	1	("6217212").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/28 01:52
S128	6	("4951601"   "5102280"   "5931626"   "6195619"   "6327512"   "6459947").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 16:00
S129	1	S128 and temperature	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 16:03
S130	6	("4951601"   "5102280"   "5931626"   "6195619"   "6327512"   "6459947").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 17:58
S131	3951	cluster adj tool	US-PGPUB; USPAT	OR	ON	2008/04/17 18:06
S132	694	S131 and (temperature same process chamber)	US-PGPUB; USPAT	ADJ	ON	2008/04/17 18:06
S133	417	S132 not (applied materials).as.	US-PGPUB; USPAT	ADJ	ON	2008/04/17 18:06
S134	0	("l40and(shiftsameprocesschamber)").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/17 18:07
S135	5	S133 and (shift same process chamber)	US-PGPUB; USPAT	ADJ	ON	2008/04/17 18:07
S136	7	S133 and (exchange position)	US-PGPUB; USPAT	ADJ	ON	2008/04/17 18:09
S137	6	("4951601"   "5102280"   "5931626"   "6195619"   "6327512"   "6459947").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 11:41
S138	5	dongchoon.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 11:43
S139	637	(700/213).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/23 14:06
S140	265921	(chamber or room or platform or stage or table) near4 (mov\$4 or shift\$3)	US-PGPUB; USPAT	ADJ	ON	2008/04/23 14:12
S141	84	S139 and S140	US-PGPUB; USPAT	ADJ	ON	2008/04/23 14:14
S142	35	(US-20070112465-\$ or US-20030021671-\$). did. or (US-6257045-\$ or US-6205870-\$ or US-7039501-\$ or US-6577923-\$ or US- 6510365-\$ or US-6549825-\$ or US- 6327517-\$ or US-5535306-\$ or US- 6556887-\$ or US-6944517-\$ or US- 6430468-\$ or US-6698944-\$ or US- 6213704-\$ or US-6176668-\$ or US- 5483138-\$ or US-6682288-\$ or US- 6530733-\$ or US-6526244-\$ or US- 6950181-\$ or US-6689519-\$ or US- 6648730-\$ or US-6746237-\$ or US- 6526329-\$ or US-6203617-\$ or US- 6936134-\$ or US-5833425-\$).did. or (US- 4042128-\$ or US-5571330-\$ or US- 4699554-\$ or US-6732610-\$ or US- 6773158-\$ or US-5909995-\$ or US- 5310410-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/04/23 15:36
S143	5	S142 and teach\$3	US-PGPUB; USPAT	ADJ	ON	2008/04/23 15:36

S144	637	(700/213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/23 17:47
S145	16	S144 and (temperature near3 (chamber or room))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 17:47
S146	1	"6314631".pn.	US-PGPUB; USPAT	ADJ	ON	2008/04/25 16:24
S147	1	"6510365".pn.	US-PGPUB; USPAT	ADJ	ON	2008/04/25 16:25
S148	1	"5762745".pn.	US-PGPUB; USPAT	ADJ	ON	2008/04/25 16:32
S149	1	"6217212".pn.	US-PGPUB; USPAT	ADJ	ON	2008/04/25 16:32

11/ 14/ 2008 2:19:29 PM

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